

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 7

ATTY. DOCKET NO.
4-118-8353B
APPLICATION NO.
09/738,212
APPLICANT
NEUER ET AL.
FILING DATE
DECEMBER 15, 2000Group
unassigned

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	4,797,273	01/10/89	Linn, et al.	424	59	
	AB	4,798,823	01/17/89	Witzel	514	11	
	AC	4,835,002	05/30/89	Wolf, et al.	426	590	
	AD	4,888,239	12/19/89	Brox	428	402.2	
	AE	4,914,188	04/03/90	Dumont, et al.	530	317	
	AF	4,963,367	10/16/90	Ecanow	424	484	
	AG	4,990,337	02/05/91	Kurihara, et al.	424	427	
	AH	4,996,193	02/26/91	Hewitt, et al.	514	11	
	AI	5,037,653	08/06/91	Dawson	424	405	
	AJ	5,154,754	10/13/92	Damo, et al.	71	DIG.1	
	AK	5,177,110	01/05/93	Oechslein, et al.			
AB	AL	5,206,219	4/27/93	Desai			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AB	AM	2,211,848	07/12/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	2,218,334	11/15/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	2,222,770	03/21/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	2,224,206	05/02/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	2,228,198	08/22/90	UK			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Board, P.G., FEBS Lett., Vol. 315, No. 3, 298-300 (1993).
AB	AS	Carrigan, et al., J. Pharm. Sci., 1973, Vol. 62, pp. 1476-1479.
AB	AT	Cavanak and Suker, Prog. Allergy Vol. 38:65-72 (1986).

EXAMINER

Allysa B.

DATE CONSIDERED

7/11/01

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1448
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Sheet 1 of 7

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	3,288,824	11/29/66	Mahler, et al.	260	410.6	
	AB	3,813,345	05/28/74	Urton	252	312	
	AC	3,954,987	06/04/76	Urton	424	78	
	AD	4,073,943	02/14/78	Wretlind, et al.	424	358	
	AE	4,146,499	03/27/79	Rosano	252	186	
	AF	4,156,719	05/29/79	Sezaki, et al.	424	177	
	AG	4,388,307	06/14/83	Cavanak	424	177	
	AH	4,567,161	01/18/86	Posanski, et al.	424	199	
	AI	4,695,450	09/22/87	Bauer, et al.	424	168	
	AJ	4,719,239	01/12/88	Muller et al.	514	785	
	AK	4,794,000	12/27/88	Ecanow	424	457	
AB	AL	4,797,272	10/19/98	Linn, et al.	424	59	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
AB	AM	1,171,125	11/19/69	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	2,098,865	12/01/82	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	2,206,119	12/29/88	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	2,209,671	05/24/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	2,211,408	07/05/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Anon., Research Disclosure 21143 (Nov. 1981), p. 420.
AB	AS	Beyer, et al., Pharmazie in unserer Zeit, Vol. 12(2):55-60 (1983)
AB	AT	Bhargava, et al., Pharmaceutical Technology, 46-54, March 1987.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	5,338,761	8/16/94	Nakajima, et al.	A61K		
	AB	5,525,590	6/11/96	Bollinger, et al.			
AB	AC	5,639,724	6/17/97	Cavanak	514	11	
AB	AD	5,756,450	5/26/98	Hahn, et al.	514	9	
	AE						
	AF						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AB	AM	2,230,440	10/24/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	135,171	03/27/85	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AO	170,623	02/05/86	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AP	211,258	02/25/87	EP			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	256,856	02/24/88	EP			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Coon, et al., Cancer Res., Vol. 51, No. 3, 897-902 (1991).
	AS	Chem. Abstr., 95:225610K, Anon. (1981)
AB	AT	Derwent Abst. 84/069426/12 (1984).

EXAMINER *Alvin Ben*DATE CONSIDERED *7/11/01*

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ATTY. DOG. F NO.
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APPLICATION NO.
09/738,212
APPLICANT
NEUER ET AL.
FILING DATE
DECEMBER 15, 2000

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Group
unassigned

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AB	AA	274,431	7/13/88	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AB	314,689	6/10/89	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AC	315 079	5/10/89	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AD	361,928	04/4/90	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AE	705,601	4/10/96	EP (+ Eng. Abstr.)			<input type="checkbox"/>	<input type="checkbox"/>
	AF	86/02,264	4/24/86	PCT (+ Trans.) WO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AG	87/01,035	2/26/87	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AH	88/00,059	1/14/88	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AI	90/08537	08/09/90	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AJ	93/20833	10/28/93	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AK	641,356	02/29/84	CH (+ Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AL	024,776	04/01/85	JP (Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM	249,918	07/11/86	JP (Abstract + Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AN	61280435	12/01/86	JP (Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AO	895,724	07/28/83	BE (+ Partial Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AP	1,209,361	08/12/86	CA			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	3,315,805	11/04/84	DE (+ Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AR	2,553,661	04/26/85	FR (+ Partial Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
AB	AS	2,642,650	08/10/90	FR (Hahn, USP 5,756,450)			<input type="checkbox"/>	<input type="checkbox"/>
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	AU						<input type="checkbox"/>	<input type="checkbox"/>
	AV						<input type="checkbox"/>	<input type="checkbox"/>
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ATTY. DOCKET NO.
4-118-8363B
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09/738,212
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NEUER ET AL.
FILING DATE
DECEMBER 15, 2000Group
unassigned

Sheet 5 of 7

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Derwent Abst. 92/235,168/29 (1989).
	AB	Derwent Abst 92/216,793/26 (1990).
	AC	Ekman, S., Lipids 22: 657-663 (1987).
	AD	Frazer, et al., J. Physiol. (1944) Vol. 103, pp. 306-316.
	AE	Froemming, et al., Acta Pharm. Technol., Vol. 36, No. 4, 214-220 (1990).
	AF	Hahn, Biodegradeble Tensides, 1-196, Basel University, Switzerland (1988) (Translation).
	AG	Jayakrishnan, et al., J. Soc. Cosmet. Chem. 34:335-350 (1983).
	AH	The Merck Index, 9th Ed., Merck & Co., Inc., Rahway, N.J. p. 1017 (1976).
	AI	Kraus, et al., Acta Pharm. Technol., Vol. 36, No. 4, 221-225 (1990).
	AJ	Mizushima, 86-335,072/51 (4/26/85) (Derwent Abstr).
	AK	Mubarak, Development and Testing of New Microemulsions, 1-51 (1982) (Translation).
	AL	Muller, et al., Pharm. Ind. 50(11), 1301-1306 (1988)
	AM	Muller, et al., Pharm. Ind. 50(3): 370-375 (1988)
AN	AN	Pohler, Micro-Emulsion Gels Structural Investigations and Galenical Properties, 1-100 (1983) (Translation).

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Alison Re

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Sheet 6 of 7

ATTY. DOCUMENT NO.
4-118-8353B
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09/738,212
APPLICANT
NEUER ET AL
FILING DATE
DECEMBER 16, 2000Group
unassigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Remington's Pharmaceutical Sciences (17th ed.). Microemulsions, Chapter 20, pp. 293-300 (1985).
	AB	Reymond, In Vitro In Vivo Model for the Absorption of Cyclosporin A (1986) (Translation).
	AC	Reymond and Sucker, Pharmaceutical Research, Vol. 5(10): 673-679 (1988).
	AD	Reymond et al., Pharmaceutical Research, Vol.5(10): 677-679 (1988).
	AE	Ritschel, et al., Pharmaceutical Research Vol. 5(10): PD 943: S-108 (1988).
	AF	Ritschel, et al., Methods and Findings in Experimental and Clinical Pharmacology, Vol. 11(4):281-87 (1989).
	AG	Ritschel, et al., Methods and Findings in Experimental and Clinical Pharmacology, Vol. 12, pp. 127-134 (1990).
	AH	W.A. Ritschel, Methods and Findings in Experimental and Clinical Pharmacology, Vol. 13, pp. 205-220 (1991).
	AI	Takada, 87-024,776/04 (4/4/85) (Derwent Abstr.).
	AJ	Takada, et al., J. Pharmacobio-Dyn. Vol. 8: 320-323 (1985).
	AK	Takada, et al., J. Pharmaceutical Research Vol. 3(1): 48-51 (1986).
	AL	Takada, et al., J. Pharmacobio-Dyn. Vol. 9: 156-160 (1986).
	AM	Takada, et al., J. Pharmacobio-Dyn. Vol. 11: 80-87 (1988).
AB	AN	Takada, et al., Intern'l Jour. of Pharmaceutics, Vol. 44: 107-116 (1988).

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Alyson Bae

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Sheet 7 of 7

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Tarr, et al., Pharmaceutical Research, Vol. 6(1): 40-43 (1989).
AB	AB	Yanagawa, et al., J. Microencapsulation 6(2): 161-164 (1989).
AB	AC	Ziegenmeyer, et al., Acta Pharmaceutical Technologica, Vol. 26(4): 273-275 (1980).
	AD	
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Sheet 1 of 2

ATTY. DOCKET NO.
4-118-8353/A/PCT
APPLICATION NO.
09/077,231
APPLICANT
NEUER ET AL
371 FILING DATE
Not Yet Known

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						
AB						
AC						
AD						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
AP	AM	WO 9614079	5/17/96	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>
	AN	WO 9522982	8/31/95	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>
	AO	DE 3924207	1/26/90	Germany			<input type="checkbox"/> <input type="checkbox"/>
	AP	GB 2221157	1/31/90	Great Britain			<input type="checkbox"/> <input type="checkbox"/>
AB	AQ	WO 9112008	8/22/91	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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371 FILING DATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
AB	AA	DE 4418115	12/1/94	Germany			<input type="checkbox"/> <input type="checkbox"/>
AB	AB	FR 2678169	12/31/92	France			<input type="checkbox"/> <input type="checkbox"/>
AB	AC	EP 0589843	3/30/94	European Patent Office			<input type="checkbox"/> <input type="checkbox"/>
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